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JC063 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No	476-1978.1
First Inventor	Kitchener
Title	MIMO Wireless Communication System
Express Mail Label No	EL 761 854 611 US

JC079 U.S. PTO
09/975653

10/11/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patent,
Box Patent Application
Washington, D.C. 20231

- | | |
|---|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status
See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 25]
(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 14]</p> <p>5. Oath or Declaration [Total Pages 1]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Com. etc. Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|---|---|

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____ / _____

Prior application information. Examiner _____ Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

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Registration No (Attorney/Agent)

40,808

Signature

Date

October 11, 2001

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PTO/SB/17 (XX-XX)

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kitchener
Examiner Name	
Group Art Unit	
Attorney Docket No.	476-1978.1

TOTAL AMOUNT OF PAYMENT \$794.00

JCE63 U.S. PTO
09/975653
10/11/01

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 12-0913</p> <p>Deposit Account Name</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR § 1.27</p>		<p>3. ADDITIONAL FEES</p> <table><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139 130 Non - English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216 200 Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>920</td><td>217 460 Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,440</td><td>218 720 Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,960</td><td>228 980 Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>320</td><td>219 160 Notice of Appeal</td><td></td></tr><tr><td>120</td><td>320</td><td>220 160 Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>280</td><td>221 140 Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,280</td><td>241 640 Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,280</td><td>242 640 Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>460</td><td>243 230 Design issue fee</td><td></td></tr><tr><td>144</td><td>620</td><td>244 310 Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123 50 Processing fee under 37 CFR § 1.17(q)</td><td></td></tr><tr><td>126</td><td>180</td><td>126 180 Submission of Information Disclosure Statement</td><td></td></tr><tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>740</td><td>246 370 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149</td><td>740</td><td>249 370 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179</td><td>740</td><td>279 370 Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169</td><td>900</td><td>169 900 Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="3">Other fee (specify)</td><td></td></tr></tbody></table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath		127	50	227 25 Surcharge - late provisional filing fee or cover sheet		139	130	139 130 Non - English specification		147	2,520	147 2,520 For filing a request for <i>ex parte</i> reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	400	216 200 Extension for reply within second month		117	920	217 460 Extension for reply within third month		118	1,440	218 720 Extension for reply within fourth month		128	1,960	228 980 Extension for reply within fifth month		119	320	219 160 Notice of Appeal		120	320	220 160 Filing a brief in support of an appeal		121	280	221 140 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,280	241 640 Petition to revive - unintentional		142	1,280	242 640 Utility issue fee (or reissue)		143	460	243 230 Design issue fee		144	620	244 310 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Processing fee under 37 CFR § 1.17(q)		126	180	126 180 Submission of Information Disclosure Statement		581	40	581 40 Recording each patent assignment per property (times number of properties)		146	740	246 370 Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249 370 For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279 370 Request for Continued Examination (RCE)		169	900	169 900 Request for expedited examination of a design application		Other fee (specify)			
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Peter J. Shakula	Registration No. (Attorney/Agent)	40,808
Signature		Telephone	312-368-1300
		Date	October 11, 2001

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CASE NO. 476-1978.1
Nortel

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receipt of the
enclosed:

New Patent Application of:
Kitchener et al

MIMO WIRELESS COMMUNICATION SYSTEM

1. Fee Transmittal Letter
2. Utility Patent Application Transmittal
3. 25 Specification Pages
4. 13 Sheets of Drawings
5. Information Disclosure Statement: Form PTO
1449
6. Check No. 46461 for \$794.00
7. Certificate of EXPRESS MAIL
8. Return Post Card.

DUE DATE (If Any): New Application

DATE SENT: October 11, 2001
tjb

"Express Mail" mailing label number
EL 761 854 611 US

Date of deposit: October 11, 2001

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Washington, D.C. 20231.

Jorge Galvan
(Typed or printed name of person mailing paper or fee)


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